

GP-303910

SEVEN-SPEED TRANSMISSION

ABSTRACT OF THE DISCLOSURE

A multi-speed transmission includes an input shaft, an output shaft, and a planetary gear arrangement having three planetary gear sets. The input shaft and output shaft are continuously connected with members of the planetary gear sets. Six torque-transmitting mechanisms selectively connect specific members of the planetary gear sets with other members of the planetary gear sets, or with the transmission housing. Fluid for applying two of the torque-transmitting mechanisms is carried through a shaft which is connected to a sun gear of the first planetary gear set. The six torque-transmitting mechanisms are engaged in combinations of three to establish seven forward speed ratios and a reverse speed ratio between the input shaft and the output shaft.